

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072128.D
 Acq On : 28 Feb 2022 17:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 08:14:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	446264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	721866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	669368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247838	53.539	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.080%			
35) Dibromofluoromethane	7.914	113	236746	54.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.260%			
50) Toluene-d8	10.338	98	913812	56.342	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.680%			
62) 4-Bromofluorobenzene	12.626	95	326165	54.747	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	162375	38.591	ug/l	97
3) Chloromethane	2.209	50	165009	43.358	ug/l	100
4) Vinyl Chloride	2.350	62	152862	40.243	ug/l	95
5) Bromomethane	2.768	94	97393	40.563	ug/l	99
6) Chloroethane	2.920	64	101053	42.090	ug/l	100
7) Trichlorofluoromethane	3.273	101	317640	43.223	ug/l	96
8) Diethyl Ether	3.715	74	92782	44.289	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	193741	42.197	ug/l	98
10) Methyl Iodide	4.303	142	167665	34.090	ug/l	99
11) Tert butyl alcohol	5.220	59	55977	211.938	ug/l #	95
12) 1,1-Dichloroethene	4.067	96	170852	41.895	ug/l	100
13) Acrolein	3.926	56	115117	221.029	ug/l	99
14) Allyl chloride	4.714	41	295528	41.350	ug/l	96
15) Acrylonitrile	5.420	53	231799	204.723	ug/l	100
16) Acetone	4.156	43	223804	223.709	ug/l	100
17) Carbon Disulfide	4.409	76	457603	40.440	ug/l	99
18) Methyl Acetate	4.720	43	99583	38.919	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	455763	45.940	ug/l	98
20) Methylene Chloride	4.962	84	210593	42.296	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	198027	43.216	ug/l	99
22) Diisopropyl ether	6.367	45	664982	44.557	ug/l	98
23) Vinyl Acetate	6.303	43	1856824	232.980	ug/l	100
24) 1,1-Dichloroethane	6.261	63	384194	43.272	ug/l	99
25) 2-Butanone	7.208	43	302169	218.534	ug/l	99
26) 2,2-Dichloropropane	7.208	77	317655	44.710	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	233347	44.446	ug/l	99
28) Bromochloromethane	7.544	49	192077	50.747	ug/l	98
29) Tetrahydrofuran	7.561	42	184557	209.141	ug/l	99
30) Chloroform	7.708	83	399159	43.787	ug/l	99
31) Cyclohexane	7.985	56	329305	40.275	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	351715	44.834	ug/l	98
36) 1,1-Dichloropropene	8.114	75	292475	44.147	ug/l	100
37) Ethyl Acetate	7.291	43	134971	43.934	ug/l	98
38) Carbon Tetrachloride	8.097	117	312858	46.074	ug/l	97
39) Methylcyclohexane	9.350	83	345256	44.527	ug/l	93
40) Benzene	8.350	78	825890	44.179	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	72760	38.193	ug/l	94
42) 1,2-Dichloroethane	8.420	62	248965	44.397	ug/l	100
43) Isopropyl Acetate	8.450	43	251930	44.037	ug/l	98
44) Trichloroethene	9.108	130	224089	43.981	ug/l	99
45) 1,2-Dichloropropane	9.385	63	216332	43.383	ug/l	97
46) Dibromomethane	9.467	93	115067	43.726	ug/l	99
47) Bromodichloromethane	9.655	83	309830	45.641	ug/l	99
48) Methyl methacrylate	9.450	41	128646	44.516	ug/l	95
49) 1,4-Dioxane	9.455	88	28150	901.724	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	671943	221.626	ug/l	99
52) Toluene	10.397	92	544798	45.539	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	294521	47.439	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	339553	46.211	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	167941	45.349	ug/l	98
56) Ethyl methacrylate	10.655	69	206067	46.596	ug/l	97
57) 1,3-Dichloropropane	10.938	76	286498	44.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	476666	240.926	ug/l	99
59) 2-Hexanone	10.979	43	472760	228.607	ug/l	99
60) Dibromochloromethane	11.132	129	206375	44.625	ug/l	96
61) 1,2-Dibromoethane	11.238	107	152330	43.044	ug/l	99
64) Tetrachloroethene	10.873	164	187172	44.291	ug/l	97
65) Chlorobenzene	11.667	112	578155	44.566	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	214928	44.638	ug/l	98
67) Ethyl Benzene	11.738	91	1046114	45.859	ug/l	99
68) m/p-Xylenes	11.843	106	808922	92.634	ug/l	100
69) o-Xylene	12.173	106	385446	46.922	ug/l	98
70) Styrene	12.185	104	661566	46.929	ug/l	99
71) Bromoform	12.349	173	121398	43.962	ug/l #	97
73) Isopropylbenzene	12.473	105	1035303	45.588	ug/l	100
74) N-amyl acetate	12.279	43	236439	43.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	186117	41.452	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	126831m	40.482	ug/l	
77) Bromobenzene	12.749	156	236117	44.399	ug/l	98
78) n-propylbenzene	12.814	91	1276475	45.730	ug/l	99
79) 2-Chlorotoluene	12.896	91	728909	45.118	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	878631	46.334	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	59470	47.535	ug/l	97
82) 4-Chlorotoluene	12.996	91	756133	44.969	ug/l	99
83) tert-Butylbenzene	13.214	119	760026	46.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	873562	46.861	ug/l	99
85) sec-Butylbenzene	13.390	105	1139616	45.917	ug/l	100
86) p-Isopropyltoluene	13.508	119	952985	46.684	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	481939	44.830	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	474753	43.950	ug/l	99
89) n-Butylbenzene	13.832	91	893395	46.025	ug/l	100
90) Hexachloroethane	14.102	117	177397	43.294	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	418510	44.393	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	29184	41.723	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	265274	45.810	ug/l	96
94) Hexachlorobutadiene	15.255	225	145283	45.626	ug/l	99
95) Naphthalene	15.384	128	489110	46.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	229459	45.939	ug/l	99

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Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VD072128.D
 Acq On : 28 Feb 2022 17:50
 Operator : VA/SY
 Sample : VSTDC0050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDC0050EC

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